

## EAST Search History

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--------------------|------------------|---------|------------------|
|       |      | 707/1.cls. AND san WITH storage<br>"20020107835   | USPAT              | OR               | OFF     | 2006/03/15 16:05 |
|       |      | "20020059173  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/03/15 10:56 |
|       |      | "20020073175  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/03/15 10:56 |
|       |      | "client coupled" WITH storage\<br>bottleneck\$4 AND client\$1 WITH<br>quer\$3 WITH either WITH or<br>client\$1 WITH coupled WITH server<br>WITH storage WITH AND<br>bottleneck\$4 | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/02/10 14:46 |
|       |      | client\$1 WITH coupled WITH server<br>WITH storage WITH and AND<br>bottleneck\$4  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/02/10 12:17 |
|       |      | switch WITH size WITH AND<br>bottleneck\$4  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/02/09 16:07 |
|       |      | "database" AND "hub" AND "  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/02/09 16:07 |
| L1    | 1    | "20030154236"   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/03/15 15:17 |
| L2    | 0    | quer\$4 WITH result\$4 WITH flag\$1<br>AND san WITH storage AND<br>encryption\$4 WITH key\$4  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/03/15 15:18 |
| L3    | 0    | quer\$4 WITH result\$4 WITH flag\$1<br>AND san WITH storage AND<br>encryption\$4 WITH key\$4  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/03/15 15:18 |
| L4    | 51   | flag\$1 AND key\$1 AND cache\$4<br>AND san WITH storage   | USPAT              | OR               | OFF     | 2006/03/15 15:28 |
| L5    | 1    | flag\$1 AND key\$1 AND cache\$4<br>AND san WITH storage AND luke  | USPAT              | OR               | OFF     | 2006/03/15 15:52 |
| L6    | 2    | "6292800"   | USPAT              | OR               | OFF     | 2006/03/15 16:05 |
| L7    | 96   | 707/1.ccls. AND san WITH storage  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/03/15 16:05 |
| L8    | 52   | "5950203"   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/03/15 16:05 |
| S1    | 1    | "20050027693"   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/01/24 10:14 |
| S2    | 17   | "6085223"   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/01/24 09:17 |

## EAST Search History

|     |     |   |                    |    |     |                  |
|-----|-----|---|--------------------|----|-----|------------------|
| S3  | 3   | "6205440"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/24 09:18 |
| S4  | 0   | "20020059"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/24 09:18 |
| S5  | 1   | "20020059173"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/24 09:18 |
| S6  | 1   | "20020073175"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/24 09:19 |
| S7  | 1   | "20020107835"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/24 09:20 |
| S8  | 729 | "database" AND "query" AND "storage area network"                 | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/24 09:20 |
| S9  | 376 | "database" AND "query" AND "storage area network" AND "shared"    | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/24 09:24 |
| S10 | 63  | "database" AND "query" AND "storage area network" AND "shared"    | USPAT              | OR | OFF | 2006/01/24 09:21 |
| S11 | 4   | "database" AND "query" AND "storage area network" AND "too large" | USPAT              | OR | OFF | 2006/01/24 09:21 |
| S12 | 358 | "database" AND "query" AND "storage area network" AND "switch"    | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/24 09:25 |
| S13 | 1   | "database retrieval" AND "storage area network" AND "switch"      | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/24 09:25 |
| S14 | 3   | "database retrieval" AND "storage area network"                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/24 09:26 |
| S15 | 280 | "database retrieval" AND "SAN"                                    | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/24 09:27 |
| S16 | 3   | "database retrieval" AND "storage area network"                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/24 09:27 |
| S17 | 56  | "database query" AND "storage area network"                       | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/24 09:27 |
| S18 | 12  | "database" AND "query" AND "shared volume"                        | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/24 09:40 |
| S19 | 0   | "database" AND "query" AND shared WITH seperate WITH volume       | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/24 09:41 |
| S20 | 10  | "database" AND "query" AND shared WITH separate WITH volume       | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/24 09:41 |
| S21 | 454 | "database" AND "query" AND separate WITH volume                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/24 09:41 |
| S22 | 27  | "database" AND "query" AND "separate volume"                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/01/24 09:45 |

## EAST Search History

|     |     |   |                 |    |     |                  |
|-----|-----|---|-----------------|----|-----|------------------|
| S23 | 471 | "database" AND "query" AND "separate storage"             | US-PGPUB; USPAT | OR | OFF | 2006/01/24 09:45 |
| S24 | 188 | "database" AND "query" AND "separate storage"             | USPAT           | OR | OFF | 2006/01/24 09:47 |
| S25 | 39  | "database query" AND "separate storage"                   | USPAT           | OR | OFF | 2006/01/24 09:48 |
| S26 | 0   | "database query" AND "separate volume"                    | USPAT           | OR | OFF | 2006/01/24 09:48 |
| S27 | 0   | "database query" AND "shared volume"                      | USPAT           | OR | OFF | 2006/01/24 09:48 |
| S28 | 0   | "database query" AND "remote volume"                      | USPAT           | OR | OFF | 2006/01/24 09:48 |
| S29 | 318 | "database" AND "query" AND database WITH hub              | US-PGPUB; USPAT | OR | OFF | 2006/01/24 09:56 |
| S30 | 110 | "database" AND "query" AND database WITH hub              | USPAT           | OR | OFF | 2006/01/24 09:56 |
| S31 | 33  | "database" AND "query" AND "volume" AND database WITH hub | USPAT           | OR | OFF | 2006/01/24 09:57 |
| S32 | 1   | "database" AND "query" AND "volume" AND "database hub"    | USPAT           | OR | OFF | 2006/01/24 09:57 |
| S33 | 5   | "database" AND "query" AND "database hub"                 | USPAT           | OR | OFF | 2006/01/24 09:59 |
| S34 | 2   | "database" AND "query" AND "switch volume"                | USPAT           | OR | OFF | 2006/01/24 10:00 |
| S35 | 14  | "database" AND "query" AND "switch storage"               | USPAT           | OR | OFF | 2006/01/24 10:03 |
| S36 | 170 | client WITH storage WITH area WITH network                | USPAT           | OR | OFF | 2006/01/24 10:03 |
| S37 | 45  | query AND client WITH storage WITH area WITH network      | USPAT           | OR | OFF | 2006/01/24 10:04 |
| S38 | 11  | query AND client WITH "storage area network"              | USPAT           | OR | OFF | 2006/01/24 10:04 |
| S39 | 149 | "database" AND "sql" AND "separate storage"               | US-PGPUB; USPAT | OR | OFF | 2006/01/24 10:16 |
| S40 | 3   | "database" AND "sql" AND "separate volume"                | US-PGPUB; USPAT | OR | OFF | 2006/01/24 10:16 |
| S41 | 8   | "database" AND "sql" AND "shared volume"                  | US-PGPUB; USPAT | OR | OFF | 2006/01/24 10:16 |
| S42 | 54  | "database" AND "sql" AND client WITH volume WITH server   | US-PGPUB; USPAT | OR | OFF | 2006/01/24 10:18 |
| S43 | 17  | "database" AND "sql" AND client WITH volume WITH access   | US-PGPUB; USPAT | OR | OFF | 2006/01/24 10:20 |
| S44 | 613 | "database" AND "sql" AND "too large"                      | US-PGPUB; USPAT | OR | OFF | 2006/01/24 10:20 |

## EAST Search History

|     |      |   |                 |    |     |                  |
|-----|------|---|-----------------|----|-----|------------------|
| S45 | 1    | "database" AND "sql" AND result\$1 WITH large WITH switch                 | US-PGPUB; USPAT | OR | OFF | 2006/01/24 10:21 |
| S46 | 1306 | "database" AND "sql" AND result\$1 WITH large                             | US-PGPUB; USPAT | OR | OFF | 2006/01/24 10:21 |
| S47 | 1    | "20020107835"   | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:14 |
| S48 | 1    | "20050027693"   | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:22 |
| S49 | 1    | "20020073175"   | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:22 |
| S50 | 537  | "database" AND "hub" AND "query" AND coupled WITH storage                 | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:24 |
| S51 | 0    | "database" AND "hub" AND "query" AND choose WITH shared WITH storage      | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:24 |
| S52 | 0    | "database" AND "hub" AND "query" AND select WITH shared WITH storage      | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:24 |
| S53 | 114  | "database" AND "hub" AND "query" AND select WITH storage                  | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:26 |
| S54 | 24   | "database" AND "hub" AND "query" AND select WITH storage WITH size        | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:26 |
| S55 | 0    | "database" AND "hub" AND "query" AND choose WITH storage WITH size        | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:27 |
| S56 | 2    | "database" AND "hub" AND "query" AND result\$1 WITH storage WITH size     | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:28 |
| S57 | 1    | "database" AND "hub" AND "query" AND result\$1 WITH volume WITH size      | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:28 |
| S58 | 16   | "database" AND "query" AND result\$1 WITH volume WITH size                | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:29 |
| S59 | 14   | "database" AND "query" AND result\$1 WITH different WITH volume           | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:30 |
| S60 | 0    | "database" AND "query" AND result\$1 WITH different WITH volume WITH size | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:29 |
| S61 | 8    | "database" AND query WITH choose WITH result\$1 WITH size                 | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:31 |
| S62 | 16   | "database" AND query WITH result\$1 WITH too WITH large                   | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:32 |
| S63 | 0    | "database" AND query WITH result\$1 WITH throughput WITH choose           | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:32 |

## EAST Search History

|     |       |  |                 |    |     |                  |
|-----|-------|--|-----------------|----|-----|------------------|
| S64 | 2     | "database" AND query WITH shared WITH volume                       | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:33 |
| S65 | 27    | "database" AND query WITH shared WITH storage                      | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:33 |
| S66 | 106   | "database" AND query WITH multiple WITH storage                    | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:33 |
| S67 | 10    | "database" AND query WITH multiple WITH storage WITH result\$1     | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:33 |
| S68 | 0     | "database" AND query WITH multiple WITH storage WITH size          | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:33 |
| S69 | 49    | "database" AND query WITH storage WITH size                        | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:47 |
| S70 | 7     | "database" AND "query" AND "shared volume" AND "key"               | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:49 |
| S71 | 2703  | "database" AND query WITH key                                      | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:49 |
| S72 | 0     | "database" AND "throughput" query WITH key                         | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:50 |
| S73 | 29156 | "database" AND "throughput" query WITH key                         | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:50 |
| S74 | 228   | "database" AND "throughput" AND query WITH key                     | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:50 |
| S75 | 6     | "database" AND "throughput" AND query WITH key WITH secur\$6       | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:50 |
| S76 | 4     | "database" AND "throughput" AND query WITH authenticat\$4 WITH key | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:51 |
| S77 | 50    | "database" AND query WITH authenticat\$4 WITH key                  | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:52 |
| S78 | 390   | "relational dbms"  | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:52 |
| S79 | 1     | "relational database" AND query WITH key WITH intended             | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:53 |
| S80 | 3     | "relational database" AND query WITH key WITH secure               | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:53 |
| S81 | 3     | "6609427"  | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:53 |
| S82 | 5     | "6609927"  | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:54 |
| S83 | 8     | "6009427"  | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:54 |
| S84 | 3     | query WITH result\$1 WITH size WITH volume                         | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:55 |

## EAST Search History

|      |      |   |                 |    |     |                  |
|------|------|---|-----------------|----|-----|------------------|
| S85  | 0    | query WITH size WITH volume WITH different  | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:55 |
| S86  | 0    | query WITH size WITH volume WITH select   | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:55 |
| S87  | 0    | query WITH size WITH volume WITH choose   | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:55 |
| S88  | 39   | query WITH size WITH volume   | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:56 |
| S89  | 2324 | database AND query AND bottleneck\$4  | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:56 |
| S90  | 518  | database AND query AND bottleneck\$4 AND key AND throughput                         | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:57 |
| S91  | 80   | database AND query AND prevent WITH bottleneck\$4                                   | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:58 |
| S92  | 0    | database AND query AND bottleneck\$4 AND sort WITH result\$1 WITH size              | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:58 |
| S93  | 0    | database AND query AND bottleneck\$4 AND sort WITH result\$1                        | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:58 |
| S94  | 0    | database AND query AND bottleneck\$4 AND result\$1                                  | US-PGPUB; USPAT | OR | OFF | 2006/01/27 09:58 |
| S95  | 13   | database AND query AND bottleneck\$4 AND sort WITH result\$1 WITH size              | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:00 |
| S96  | 82   | database AND query AND bottleneck\$4 AND shar\$4 WITH volume                        | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:00 |
| S97  | 31   | "database" AND "query" AND bottleneck\$4 AND "return path"                          | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:07 |
| S98  | 0    | "database" AND "query" AND bottleneck\$4 AND return WITH size WITH file WITH volume | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:07 |
| S99  | 0    | "database" AND "query" AND bottleneck\$4 AND return WITH size WITH volume           | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:08 |
| S100 | 2    | "database" AND "query" AND bottleneck\$4 AND path WITH size WITH volume             | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:10 |
| S101 | 21   | "database" AND "query" AND bottleneck\$4 AND switch WITH volume                     | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:11 |
| S102 | 36   | "database" AND "query" AND bottleneck\$4 AND switch\$3 WITH volume                  | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:11 |

## EAST Search History

|          |      |   |                 |    |     |                  |
|----------|------|---|-----------------|----|-----|------------------|
| S10<br>3 | 0    | "database" AND "query" AND bottleneck\$4 AND switch\$3 WITH volume WITH size  | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:11 |
| S10<br>4 | 13   | "database" AND "query" AND bottleneck\$4 AND switch\$3 WITH storage WITH size | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:13 |
| S10<br>5 | 122  | "database" AND "query" AND bottleneck\$4 AND switch\$3 WITH size              | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:31 |
| S10<br>6 | 2410 | "database" AND "query" AND bottleneck\$4 select WITH return WITH size         | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:32 |
| S10<br>7 | 0    | "database" AND "query" AND bottleneck\$4 AND select WITH return WITH size     | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:32 |
| S10<br>8 | 0    | "database" AND "query" AND bottleneck\$4 AND choose WITH return WITH size     | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:32 |
| S10<br>9 | 1    | "database" AND "query" AND bottleneck\$4 AND sort WITH return WITH size       | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:33 |
| S11<br>0 | 13   | "database" AND "query" AND bottleneck\$4 AND sort WITH result\$1 WITH size    | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:34 |
| S11<br>1 | 2324 | "database" AND "query" AND bottleneck\$4                                      | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:35 |
| S11<br>2 | 746  | "database" AND "query" AND bottleneck\$4 AND throughput                       | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:35 |
| S11<br>3 | 16   | "database" AND "query" AND bottleneck\$4 AND throughput AND "different path"  | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:35 |
| S11<br>4 | 0    | "database" AND "query" AND bottleneck\$4 AND throughput AND "switch path"     | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:36 |
| S11<br>5 | 0    | "database" AND "query" AND bottleneck\$4 AND throughput AND "size path"       | US-PGPUB; USPAT | OR | OFF | 2006/01/27 10:36 |
| S11<br>6 | 1842 | storage WITH coupled WITH database  | US-PGPUB; USPAT | OR | OFF | 2006/02/09 14:10 |
| S11<br>7 | 96   | storage WITH coupled WITH database WITH application                           | US-PGPUB; USPAT | OR | OFF | 2006/02/09 14:12 |
| S11<br>8 | 23   | storage WITH coupled WITH database WITH both                                  | US-PGPUB; USPAT | OR | OFF | 2006/02/09 14:13 |
| S11<br>9 | 2    | "6721117"   | US-PGPUB; USPAT | OR | OFF | 2006/02/09 14:14 |

## EAST Search History

|          |     |   |                    |    |     |                  |
|----------|-----|---|--------------------|----|-----|------------------|
| S12<br>0 | 2   | "6723117"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:19 |
| S12<br>1 | 17  | "6085223"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:15 |
| S12<br>2 | 28  | "third storage" AND quer\$4 AND bottleneck\$4                     | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:25 |
| S12<br>3 | 270 | switch WITH storage AND quer\$4 AND bottleneck\$4                 | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:25 |
| S12<br>4 | 3   | shared WITH switch WITH storage AND quer\$4 AND bottleneck\$4     | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:33 |
| S12<br>5 | 10  | client WITH switch WITH storage AND quer\$4 AND bottleneck\$4     | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:33 |
| S12<br>6 | 11  | client\$1 WITH switch WITH storage AND quer\$4 AND bottleneck\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:34 |
| S12<br>7 | 8   | client\$1 WITH switch WITH separate AND quer\$4 AND bottleneck\$4 | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:35 |
| S12<br>8 | 171 | "database switch"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:36 |
| S12<br>9 | 24  | database AND client\$1 AND mutual\$4 WITH volume                  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:37 |
| S13<br>0 | 393 | database AND client\$1 AND mutual\$4 WITH access                  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:37 |
| S13<br>1 | 4   | database WITH client\$1 WITH mutual\$4 WITH access                | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:41 |
| S13<br>2 | 25  | client\$1 WITH switch\$2 WITH between WITH database\$1            | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:43 |
| S13<br>3 | 108 | client\$1 WITH access WITH database\$1 WITH either                | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:43 |
| S13<br>4 | 2   | client\$1 WITH access WITH database\$1 WITH either WITH separate  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:44 |
| S13<br>5 | 12  | client\$1 WITH database\$1 WITH either WITH separate              | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:45 |
| S13<br>6 | 0   | client\$1 WITH database\$1 WITH switch WITH shared WITH volume    | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:46 |
| S13<br>7 | 57  | switch WITH shared WITH volume                                    | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:46 |
| S13<br>8 | 0   | switch WITH size WITH database WITH quer\$4                       | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:54 |
| S13<br>9 | 11  | switch WITH size WITH quer\$4                                     | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:55 |
| S14<br>0 | 4   | switch WITH size WITH shared AND quer\$4                          | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:56 |

## EAST Search History

|          |     |  |                    |    |     |                  |
|----------|-----|--|--------------------|----|-----|------------------|
| S14<br>1 | 1   | "20030154236"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:55 |
| S14<br>2 | 545 | switch WITH size AND bottleneck\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:57 |
| S14<br>3 | 0   | switch WITH size AND bottleneck\$4<br>AND hub WITH client\$1 AND<br>database       | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:57 |
| S14<br>4 | 5   | switch WITH size AND bottleneck\$4<br>AND hub WITH client\$1                       | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:59 |
| S14<br>5 | 35  | switch WITH size WITH result\$1<br>AND bottleneck\$4                               | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 15:00 |
| S14<br>6 | 6   | switch WITH size WITH volume AND<br>bottleneck\$4                                  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 14:59 |
| S14<br>7 | 0   | switch WITH size WITH result\$1<br>WITH query                                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 15:00 |
| S14<br>8 | 4   | switch WITH size WITH query  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 15:00 |
| S14<br>9 | 6   | switch\$2 WITH size WITH query   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 15:00 |
| S15<br>0 | 174 | switch\$2 WITH quer\$4 AND<br>bottleneck\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 15:04 |
| S15<br>1 | 5   | "database volume" AND "shared<br>volume"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 15:28 |
| S15<br>2 | 39  | database AND "independent<br>volume"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 15:28 |
| S15<br>3 | 1   | database AND "independent<br>volume" AND bottleneck\$4                             | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 15:29 |
| S15<br>4 | 10  | database AND "separate volume"<br>AND bottleneck\$4                                | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 15:31 |
| S15<br>5 | 24  | client\$1 WITH server\$1 WITH<br>share\$1 WITH second AND<br>bottleneck\$4         | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 15:33 |
| S15<br>6 | 1   | client\$1 WITH server\$1 WITH<br>share\$1 WITH volume AND<br>bottleneck\$4         | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 15:33 |
| S15<br>7 | 593 | client\$1 WITH coupled WITH server<br>WITH storage                                 | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 16:06 |
| S15<br>8 | 67  | client\$1 WITH coupled WITH server<br>WITH storage WITH second                     | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 16:06 |
| S15<br>9 | 46  | client\$1 WITH coupled WITH server<br>WITH storage AND bottleneck\$4               | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 16:07 |
| S16<br>0 | 0   | client\$1 WITH coupled WITH server<br>WITH storage WITH "and" AND<br>bottleneck\$4 | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 16:07 |

## EAST Search History

|          |     |  |                    |    |     |                  |
|----------|-----|--|--------------------|----|-----|------------------|
| S16<br>1 | 46  | client\$1 WITH coupled WITH server<br>WITH storage AND bottleneck\$4                               | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 16:09 |
| S16<br>2 | 0   | client\$1 WITH coupled WITH server<br>WITH shared WITH volume AND<br>bottleneck\$4                 | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 16:09 |
| S16<br>3 | 1   | client\$1 WITH coupled WITH server<br>WITH shared WITH volume                                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 16:10 |
| S16<br>4 | 1   | client\$1 WITH coupled WITH<br>server\$1 WITH shared WITH<br>volume                                | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 16:10 |
| S16<br>5 | 0   | client\$1 WITH coupled WITH<br>database WITH shared WITH<br>volume                                 | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 16:10 |
| S16<br>6 | 1   | client\$1 WITH coupled WITH shared<br>WITH volume  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 16:10 |
| S16<br>7 | 53  | client\$1 WITH shared WITH volume  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 16:12 |
| S16<br>8 | 19  | client\$1 WITH shared WITH volume<br>AND bottleneck\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 16:10 |
| S16<br>9 | 29  | client\$1 WITH shared WITH volume<br>AND quer\$3   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 16:19 |
| S17<br>0 | 59  | client\$1 WITH database AND shared<br>WITH volume AND quer\$3                                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 16:20 |
| S17<br>1 | 577 | client\$1 WITH database WITH<br>separate   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 16:21 |
| S17<br>2 | 2   | client\$1 WITH database WITH<br>separate WITH switch   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/09 16:21 |
| S17<br>3 | 24  | bottleneck\$4 AND client\$1 WITH<br>quer\$3 WITH either  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 12:18 |
| S17<br>4 | 112 | bottleneck\$4 AND client\$1 WITH<br>storage WITH coupled   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 12:21 |
| S17<br>5 | 143 | bottleneck\$4 AND client\$1 WITH<br>private WITH network   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 12:21 |
| S17<br>6 | 6   | bottleneck\$4 AND client\$1 WITH<br>private WITH network WITH<br>storage AND client\$1 WITH public | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 12:21 |
| S17<br>7 | 0   | volume WITH coupled WITH<br>client\$1 WITH both WITH server\$1                                     | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 12:27 |
| S17<br>8 | 8   | volume WITH coupled WITH<br>client\$1 WITH server\$1   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 12:27 |
| S17<br>9 | 0   | secondary WITH storage WITH<br>private AND primary WITH storage<br>WITH public AND bottleneck\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 12:35 |

## EAST Search History

|          |      |  |                    |    |     |                  |
|----------|------|--|--------------------|----|-----|------------------|
| S18<br>0 | 9    | secondary WITH storage WITH private AND primary WITH storage WITH public                 | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 12:35 |
| S18<br>1 | 934  | secondary WITH storage WITH coupled AND primary WITH storage                             | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 12:36 |
| S18<br>2 | 11   | secondary WITH storage WITH coupled WITH primary WITH client\$1 AND primary WITH storage | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 12:37 |
| S18<br>3 | 11   | secondary WITH storage WITH coupled WITH primary WITH client\$1                          | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 12:37 |
| S18<br>4 | 530  | secondary WITH storage WITH coupled WITH primary   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 12:37 |
| S18<br>5 | 1    | secondary WITH storage WITH coupled WITH primary WITH quer\$4                            | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 12:37 |
| S18<br>6 | 8    | switch WITH storage WITH database WITH client\$1   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 13:39 |
| S18<br>7 | 22   | switch WITH storage WITH coupled WITH client\$1  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 13:40 |
| S18<br>8 | 0    | junction WITH storage WITH coupled WITH client\$1  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 13:40 |
| S18<br>9 | 0    | junction WITH storage WITH client\$1   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 13:40 |
| S19<br>0 | 0    | database WITH client\$1 WITH hub AND storage WITH client\$1 WITH database WITH switch    | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 13:46 |
| S19<br>1 | 46   | database WITH client\$1 WITH hub   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 13:47 |
| S19<br>2 | 1    | client WITH private WITH network WITH volume   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 13:48 |
| S19<br>3 | 2389 | coupled WITH both WITH storage   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 13:48 |
| S19<br>4 | 19   | coupled WITH both WITH storage WITH volume   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 13:54 |
| S19<br>5 | 632  | coupled WITH storage WITH volume   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 13:54 |
| S19<br>6 | 88   | coupled WITH storage WITH volume AND "storage area network"                              | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 13:54 |
| S19<br>7 | 83   | coupled WITH storage WITH volume AND quer\$3   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:02 |
| S19<br>8 | 10   | coupled WITH storage WITH volume AND quer\$3 AND switch AND hub                          | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:02 |
| S19<br>9 | 1    | "20050015415"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:14 |

## EAST Search History

|          |         |  |                    |    |     |                  |
|----------|---------|--|--------------------|----|-----|------------------|
| S20<br>0 | 0       | "connected" WITH to WITH "and" WITH client\$1  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:14 |
| S20<br>1 | 0       | "connected" WITH to WITH client\$1   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:14 |
| S20<br>2 | 2549393 | "connected"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:15 |
| S20<br>3 | 27428   | "connected" WITH client\$1   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:15 |
| S20<br>4 | 0       | "connected" WITH client\$1 WITH to   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:15 |
| S20<br>5 | 194     | "connected" WITH client\$1 WITH private WITH public  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:15 |
| S20<br>6 | 162     | "connected" WITH client\$1 WITH private WITH public WITH network                                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:15 |
| S20<br>7 | 15      | "connected" WITH client\$1 WITH private WITH public WITH network WITH storage                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:16 |
| S20<br>8 | 694     | "client coupled"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:16 |
| S20<br>9 | 30      | "client coupled" AND bottlenec\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:16 |
| S21<br>0 | 30      | "client coupled" AND bottleneck\$5   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:16 |
| S21<br>1 | 30      | "client coupled" AND bottleneck\$5   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:20 |
| S21<br>2 | 58      | "client coupled" AND hub AND switch  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:20 |
| S21<br>3 | 4       | "client coupled" AND "first connection" AND "second connection"                                    | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:28 |
| S21<br>4 | 147     | client\$1 WITH "first connection" AND client\$1 WITH "second connection"                           | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:30 |
| S21<br>5 | 50      | client\$1 WITH "first connection" AND client\$1 WITH "second connection" AND quer\$4               | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:31 |
| S21<br>6 | 111     | client\$1 WITH "first connection" AND client\$1 WITH "second connection" AND storage               | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:33 |
| S21<br>7 | 13      | client\$1 WITH "first connection" AND client\$1 WITH "second connection" AND hub AND switch        | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:34 |
| S21<br>8 | 0       | client\$1 WITH "first connection" WITH storage AND client\$1 WITH "second connection" WITH storage | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:35 |

## EAST Search History

|          |      |   |                    |    |     |                  |
|----------|------|---|--------------------|----|-----|------------------|
| S21<br>9 | 0    | client\$1 WITH "first connection"<br>WITH sotrage AND client\$1 WITH<br>"second connection" | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:35 |
| S22<br>0 | 43   | client\$1 WITH quer\$4 WITH<br>request\$1 WITH either                                       | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:44 |
| S22<br>1 | 187  | client\$1 WITH quer\$4 WITH<br>coupled  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:44 |
| S22<br>2 | 0    | client\$1 WITH quer\$4 WITH<br>coupled WITH either  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:44 |
| S22<br>3 | 187  | client\$1 WITH quer\$4 WITH<br>coupled  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:44 |
| S22<br>4 | 8    | "client coupled" WITH quer\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:45 |
| S22<br>5 | 13   | "client coupled" WITH multiple  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:46 |
| S22<br>6 | 35   | "client coupled" WITH storage   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:46 |
| S22<br>7 | 3    | "client coupled" WITH storage WITH<br>both  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:46 |
| S22<br>8 | 0    | client\$1 WITH request\$1 WITH<br>either WITH from  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:54 |
| S22<br>9 | 2768 | client\$1 WITH request\$1 WITH<br>either  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:54 |
| S23<br>0 | 303  | client\$1 WITH request\$1 WITH<br>either AND bottleneck\$4                                  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:54 |
| S23<br>1 | 167  | client\$1 WITH request\$1 WITH<br>either AND bottleneck\$4 AND<br>quer\$4                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:56 |
| S23<br>2 | 764  | client\$1 WITH connected WITH<br>both   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:56 |
| S23<br>3 | 219  | client\$1 WITH connected WITH<br>both AND public AND private                                | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:57 |
| S23<br>4 | 51   | client\$1 WITH connected WITH<br>both AND bottleneck\$4                                     | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 14:57 |
| S23<br>5 | 1    | "20020083120"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 15:20 |
| S23<br>6 | 363  | nas AND san AND query   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 15:20 |
| S23<br>7 | 285  | nas AND san AND query AND<br>client\$1  | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 15:20 |
| S23<br>8 | 44   | nas AND san AND query AND<br>client\$1 AND hub AND switch                                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 15:20 |
| S23<br>9 | 1    | "20020083120"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 15:30 |

## EAST Search History

|          |     |   |                    |    |     |                  |
|----------|-----|---|--------------------|----|-----|------------------|
| S24<br>0 | 56  | client\$1 WITH san WITH nas                                     | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 15:41 |
| S24<br>1 | 14  | client\$1 WITH san WITH nas AND quer\$4                         | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 15:41 |
| S24<br>2 | 3   | client\$1 AND san AND nas AND size WITH quer\$4                 | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 15:56 |
| S24<br>3 | 66  | client\$1 AND san AND nas AND size WITH result\$1               | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 15:56 |
| S24<br>4 | 71  | client\$1 AND san AND nas AND hub AND switch AND size           | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 15:58 |
| S24<br>5 | 39  | client\$1 AND san AND nas AND hub AND switch AND size AND query | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/10 15:58 |
| S24<br>6 | 1   | "20050027693"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/02/13 08:53 |
| S24<br>7 | 483 | "san" AND "lan" AND bottleneck\$4 AND quer\$4                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 09:15 |
| S24<br>8 | 42  | san WITH lan AND bottleneck\$4 AND quer\$4                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 09:16 |
| S24<br>9 | 3   | san WITH lan AND bottleneck\$4 AND quer\$4 WITH search\$4       | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 09:17 |
| S25<br>0 | 0   | slect\$4 WITH san WITH lan AND bottleneck\$4                    | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 09:17 |
| S25<br>1 | 3   | select\$4 WITH san WITH lan AND bottleneck\$4                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 09:17 |
| S25<br>2 | 18  | switch\$4 WITH san WITH lan AND bottleneck\$4                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 09:19 |
| S25<br>3 | 134 | storage\$4 WITH san WITH lan AND bottleneck\$4                  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 09:23 |
| S25<br>4 | 8   | storage\$4 WITH san WITH select\$4 AND bottleneck\$4            | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 09:32 |
| S25<br>5 | 10  | storage\$4 WITH san WITH either AND bottleneck\$4               | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 09:34 |
| S25<br>6 | 0   | storage\$4 WITH san WITH choose AND bottleneck\$4               | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 09:34 |
| S25<br>7 | 1   | storage\$4 WITH san WITH selector AND bottleneck\$4             | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 09:34 |
| S25<br>8 | 42  | bottleneck\$4 AND san WITH storage AND "either storage"         | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 09:39 |
| S25<br>9 | 7   | bottleneck\$4 AND san WITH storage AND "select storage"         | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 09:40 |
| S26<br>0 | 0   | bottleneck\$4 AND san WITH storage AND "storage selector"       | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 09:40 |
| S26<br>1 | 125 | "storage selector"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 09:40 |

## EAST Search History

|          |        |   |                    |    |     |                  |
|----------|--------|---|--------------------|----|-----|------------------|
| S26<br>2 | 1      | san WITH storage AND "storage selector"                                 | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 09:42 |
| S26<br>3 | 1      | san AND "storage selector"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 09:43 |
| S26<br>4 | 1      | "20050027693"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 09:58 |
| S26<br>5 | 20     | "query results" AND size AND san WITH storage                           | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 09:59 |
| S26<br>6 | 5      | "query results" AND select WITH storage AND san WITH storage            | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:00 |
| S26<br>7 | 11     | "query results" AND select\$4 WITH storage AND san WITH storage         | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:00 |
| S26<br>8 | 0      | nas WITH san WITH either AND bottleneck\$4                              | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:36 |
| S26<br>9 | 0      | nas WITH san WITH either AND bottleneck\$4                              | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:36 |
| S27<br>0 | 2      | nas WITH san WITH either AND bottleneck\$4                              | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:43 |
| S27<br>1 | 0      | nas WITH database WITH select AND bottleneck\$4                         | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:43 |
| S27<br>2 | 2      | nas WITH database AND quer\$4 AND bottleneck\$4                         | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:44 |
| S27<br>3 | 257    | path WITH either AND database AND quer\$4 AND bottleneck\$4             | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:44 |
| S27<br>4 | 19     | select WITH path WITH either AND database AND quer\$4 AND bottleneck\$4 | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:45 |
| S27<br>5 | 1      | quer\$4 WITH either AND database AND nas AND bottleneck\$4              | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:45 |
| S27<br>6 | 1      | quer\$4 WITH either AND nas AND bottleneck\$4                           | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:45 |
| S27<br>7 | 146    | quer\$4 WITH either AND san AND bottleneck\$4                           | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:45 |
| S27<br>8 | 7      | quer\$4 WITH either WITH storage AND bottleneck\$4                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:47 |
| S27<br>9 | 102477 | quer\$4 coupled WITH both AND bottleneck\$4                             | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:47 |
| S28<br>0 | 196    | quer\$4 AND coupled WITH both AND bottleneck\$4                         | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:47 |
| S28<br>1 | 710    | quer\$4 AND coupled WITH storage AND bottleneck\$4                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:48 |
| S28<br>2 | 85     | quer\$4 AND coupled WITH storage AND bottleneck\$4 AND selector         | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:48 |

## EAST Search History

|          |      |   |                    |    |     |                  |
|----------|------|---|--------------------|----|-----|------------------|
| S28<br>3 | 11   | quer\$4 AND san WITH storage AND bottleneck\$4 AND selector                   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:48 |
| S28<br>4 | 2010 | coupled AND bottleneck\$4 AND quer\$4 AND database                            | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:54 |
| S28<br>5 | 290  | coupled WITH database AND bottleneck\$4 AND quer\$4 AND database              | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:54 |
| S28<br>6 | 47   | coupled WITH database WITH storage AND bottleneck\$4 AND quer\$4 AND database | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:55 |
| S28<br>7 | 47   | coupled WITH database WITH storage AND bottleneck\$4 AND quer\$4              | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:57 |
| S28<br>8 | 1    | coupled WITH both WITH database WITH storage AND bottleneck\$4 AND quer\$4    | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:57 |
| S28<br>9 | 14   | coupled WITH both WITH database WITH storage AND quer\$4                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:58 |
| S29<br>0 | 1037 | "storage network" AND quer\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:58 |
| S29<br>1 | 0    | "storage network" AND quer\$4 AND "707".S284.ccis.                            | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:58 |
| S29<br>2 | 19   | "storage network" AND quer\$4 AND 707/1.ccis.                                 | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 10:58 |
| S29<br>3 | 68   | prevent WITH database WITH duplicat\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 11:26 |
| S29<br>4 | 4    | "6523019"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 11:26 |
| S29<br>5 | 421  | database AND "duplicate records"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 11:42 |
| S29<br>6 | 175  | database AND "duplicate records" AND field WITH value                         | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 11:43 |
| S29<br>7 | 5    | database AND "duplicate records" AND field WITH value WITH pair\$1            | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 11:42 |
| S29<br>8 | 18   | filter WITH database AND "duplicate records"                                  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 11:48 |
| S29<br>9 | 12   | "5515534"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 11:58 |
| S30<br>0 | 68   | "record linkage"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 12:07 |
| S30<br>1 | 421  | "duplicate records" AND database  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 12:07 |
| S30<br>2 | 202  | "duplicate records" AND database  | USPAT              | OR | OFF | 2006/03/13 12:07 |

## EAST Search History

|          |     |  |                    |    |     |                  |
|----------|-----|--|--------------------|----|-----|------------------|
| S30<br>3 | 16  | quer\$4 WITH multiple WITH storage<br>AND bottleneck\$4                                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 15:28 |
| S30<br>4 | 49  | storage WITH san AND intelligent<br>WITH agent\$1  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 15:29 |
| S30<br>5 | 27  | client\$1 WITH coupled WITH both<br>AND bottleneck\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 15:30 |
| S30<br>6 | 113 | client\$1 WITH coupled WITH<br>storage AND bottleneck\$4                                     | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/13 15:30 |
| S30<br>7 | 187 | quer\$4 AND bottleneck\$4 AND<br>parallel WITH database                                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 10:03 |
| S30<br>8 | 51  | quer\$4 AND bottleneck\$4 AND<br>parallel WITH database AND shared<br>WITH storage           | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 10:05 |
| S30<br>9 | 15  | quer\$4 WITH size AND bottleneck\$4<br>AND parallel WITH database AND<br>shared WITH storage | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 10:05 |
| S31<br>0 | 509 | parallel WITH database\$1 AND<br>switch AND quer\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 14:35 |
| S31<br>1 | 0   | parallel WITH database\$1 AND<br>switch AND quer\$4 AND san WITH<br>storage                  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 14:35 |
| S31<br>2 | 12  | parallel WITH database\$1 AND<br>switch AND quer\$4 AND san WITH<br>storage                  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 14:37 |
| S31<br>3 | 131 | database WITH switch AND<br>bottleneck\$4 AND quer\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 14:40 |
| S31<br>4 | 0   | "database switch" AND bottleneck\$4<br>AND quer\$4 WITH size                                 | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 14:40 |
| S31<br>5 | 4   | "database switch" AND bottleneck\$4<br>AND quer\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 14:41 |
| S31<br>6 | 3   | "database switch" AND size WITH<br>quer\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 14:43 |
| S31<br>7 | 4   | dan WITH database WITH network   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 14:43 |
| S31<br>8 | 3   | "6723117"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 15:00 |
| S31<br>9 | 17  | "6085223"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 15:03 |
| S32<br>0 | 3   | "6205440"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 15:03 |
| S32<br>1 | 11  | "5761696"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 15:12 |
| S32<br>2 | 173 | "database switch"  | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 15:12 |

## EAST Search History

|          |     |   |                    |    |     |                  |
|----------|-----|---|--------------------|----|-----|------------------|
| S32<br>3 | 0   | "database switch" AND "return results"                | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 15:13 |
| S32<br>4 | 173 | "database switch"                                     | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 15:14 |
| S32<br>5 | 0   | "database switch" AND "shared volume"                 | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 15:14 |
| S32<br>6 | 4   | "database switch" AND "shared storage"                | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 15:15 |
| S32<br>7 | 3   | "6292800"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 15:16 |
| S32<br>8 | 16  | "database switch" AND quer\$4 WITH result\$4          | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 15:32 |
| S32<br>9 | 17  | "database switch" AND quer\$4 AND shared              | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 15:34 |
| S33<br>0 | 33  | "database switch" AND quer\$4 AND coupled             | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 15:37 |
| S33<br>1 | 2   | "database area network"                               | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 15:38 |
| S33<br>2 | 7   | "6199069"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/14 15:46 |
| S33<br>3 | 3   | "6292800"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 09:27 |
| S33<br>4 | 3   | "6292800"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 10:27 |
| S33<br>5 | 1   | "20030154236"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 10:31 |
| S33<br>6 | 1   | quer\$4 WITH size WITH result\$1 WITH predict\$4      | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 10:31 |
| S33<br>7 | 358 | quer\$4 WITH size WITH result\$1                      | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 10:34 |
| S33<br>8 | 2   | "query predictor"                                     | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 10:32 |
| S33<br>9 | 3   | quer\$4 WITH size WITH result\$1 AND san WITH storage | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 10:34 |
| S34<br>0 | 1   | "20030154236"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 10:48 |
| S34<br>1 | 206 | quer\$ WITH size WITH based                           | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 10:49 |
| S34<br>2 | 0   | quer\$ WITH size WITH based WITH switch\$4            | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 10:49 |
| S34<br>3 | 1   | "20020107835"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 10:55 |
| S34<br>4 | 1   | "20020107835"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 10:56 |

## EAST Search History

|          |         |   |                    |    |     |                  |
|----------|---------|---|--------------------|----|-----|------------------|
| S34<br>5 | 1       | "20020073175"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 10:57 |
| S34<br>6 | 1       | "20020059173"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 10:57 |
| S34<br>7 | 6       | "query results" WITH size AND<br>switch\$1                          | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 11:07 |
| S34<br>8 | 137     | predict\$4 WITH quer\$ WITH<br>result\$1                            | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 11:10 |
| S34<br>9 | 41      | predict\$4 WITH quer\$ WITH<br>result\$1 AND switch\$4              | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 11:11 |
| S35<br>0 | 29      | predict\$4 WITH quer\$ WITH<br>result\$1 AND SAN                    | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 11:11 |
| S35<br>1 | 1103996 | predict\$4 WITH quer\$ WITH<br>result\$1 AND SAN WIT storage        | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 11:11 |
| S35<br>2 | 4       | predict\$4 WITH quer\$ WITH<br>result\$1 AND SAN WITH storage       | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 11:11 |
| S35<br>3 | 26      | "query results" WITH predict\$4                                     | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 11:18 |
| S35<br>4 | 190     | flag\$1 AND key\$1 AND cache\$4<br>AND san WITH storage             | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 14:46 |
| S35<br>5 | 92      | quer\$4 AND flag\$1 AND key\$1 AND<br>cache\$4 AND san WITH storage | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 15:07 |
| S35<br>6 | 3       | "6292800"   | US-PGPUB;<br>USPAT | OR | OFF | 2006/03/15 15:07 |